

Analyte	Station ID				GKMSW33
	Sample ID				GKMSW33_083015
	Sample Date				8/30/2015
	Sample time				11:51
	Latitude				(b) (6)
	Longitude				
					Sub Location
					Red Rock ditch
Metals, Total	CAS NO	Units			Lab Result
Aluminum	7429-90-5	ug/L			160 J
Antimony	7440-36-0	ug/L			0.4 U
Arsenic	7440-38-2	ug/L			0.37 U
Barium	7440-39-3	ug/L			94
Beryllium	7440-41-7	ug/L			0.15 U
Cadmium	7440-43-9	ug/L			0.5 UB
Calcium	7440-70-2	ug/L			71000
Chromium	7440-47-3	ug/L			1 U
Cobalt	7440-48-4	ug/L			0.61
Copper	7440-50-8	ug/L			3.2
Iron	7439-89-6	ug/L			140
Lead	7439-92-1	ug/L			0.89
Magnesium	7439-95-4	ug/L			9800
Manganese	7439-96-5	ug/L			120
Mercury	7439-97-6	ug/L			0.08 U
Molybdenum	7439-98-7	ug/L			1.1
Nickel	7440-02-0	ug/L			1.2
Potassium	7440-09-7	ug/L			1000
Selenium	7782-49-2	ug/L			4.8 U
Silver	7440-22-4	ug/L			0.1 U
Sodium	7440-23-5	ug/L			3900
Thallium	7440-28-0	ug/L			0.1 U
Vanadium	7440-62-2	ug/L			0.4 J
Zinc	7440-66-6	ug/L			50

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J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

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F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

\* = The result exceeds maximum contaminant level

ug/L - Parts per billion (micrograms per liter)

Analyte	Station ID				GKMSW35
	Sample ID				GKMSW35_083015
	Sample Date				8/30/2015
	Sample time				13:55
	Latitude				(b) (6)
	Longitude				
					Sub Location
					JT ditch
Metals, Total	CAS NO	Units			Lab Result
Aluminum	7429-90-5	ug/L			210
Antimony	7440-36-0	ug/L			0.4 U
Arsenic	7440-38-2	ug/L			0.37 U
Barium	7440-39-3	ug/L			87
Beryllium	7440-41-7	ug/L			0.15 U
Cadmium	7440-43-9	ug/L			0.5 UB
Calcium	7440-70-2	ug/L			69000
Chromium	7440-47-3	ug/L			1 U
Cobalt	7440-48-4	ug/L			0.86
Copper	7440-50-8	ug/L			4.8
Iron	7439-89-6	ug/L			220
Lead	7439-92-1	ug/L			1.3
Magnesium	7439-95-4	ug/L			9200
Manganese	7439-96-5	ug/L			170
Mercury	7439-97-6	ug/L			0.08 U
Molybdenum	7439-98-7	ug/L			1.1
Nickel	7440-02-0	ug/L			1.5
Potassium	7440-09-7	ug/L			1100
Selenium	7782-49-2	ug/L			4.2 U
Silver	7440-22-4	ug/L			0.1 U
Sodium	7440-23-5	ug/L			3900
Thallium	7440-28-0	ug/L			0.1 U
Vanadium	7440-62-2	ug/L			0.47 J
Zinc	7440-66-6	ug/L			71

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ug/L - Parts per billion (micrograms per liter)

Analyte	Station ID				GKMSW36
	Sample ID				GKMSW36_083015
	Sample Date				8/30/2015
	Sample time				14:25
	Latitude				(b) (6)
	Longitude				
					Sub Location
					Backyard
Metals, Total	CAS NO	Units			Lab Result
Aluminum	7429-90-5	ug/L			200
Antimony	7440-36-0	ug/L			0.4 U
Arsenic	7440-38-2	ug/L			0.37 U
Barium	7440-39-3	ug/L			80
Beryllium	7440-41-7	ug/L			0.15 U
Cadmium	7440-43-9	ug/L			0.5 UB
Calcium	7440-70-2	ug/L			66000
Chromium	7440-47-3	ug/L			1 U
Cobalt	7440-48-4	ug/L			0.78
Copper	7440-50-8	ug/L			4.4
Iron	7439-89-6	ug/L			180
Lead	7439-92-1	ug/L			1.1
Magnesium	7439-95-4	ug/L			8700
Manganese	7439-96-5	ug/L			160
Mercury	7439-97-6	ug/L			0.08 U
Molybdenum	7439-98-7	ug/L			1
Nickel	7440-02-0	ug/L			1.4
Potassium	7440-09-7	ug/L			1100
Selenium	7782-49-2	ug/L			4 U
Silver	7440-22-4	ug/L			0.1 U
Sodium	7440-23-5	ug/L			3900
Thallium	7440-28-0	ug/L			0.1 U
Vanadium	7440-62-2	ug/L			0.43 J
Zinc	7440-66-6	ug/L			64

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ug/L - Parts per billion (micrograms per liter)

Analyte	Station ID				GKMSW37
	Sample ID				GKMSW37_083015
	Sample Date				8/30/2015
	Sample time				14:50
	Latitude				(b) (6)
	Longitude				
					Sub Location
					Front yard
Metals, Total	CAS NO	Units			Lab Result
Aluminum	7429-90-5	ug/L			200
Antimony	7440-36-0	ug/L			0.4 U
Arsenic	7440-38-2	ug/L			0.37 U
Barium	7440-39-3	ug/L			78
Beryllium	7440-41-7	ug/L			0.15 U
Cadmium	7440-43-9	ug/L			0.5 UB
Calcium	7440-70-2	ug/L			66000
Chromium	7440-47-3	ug/L			1 U
Cobalt	7440-48-4	ug/L			0.85
Copper	7440-50-8	ug/L			4.7
Iron	7439-89-6	ug/L			180
Lead	7439-92-1	ug/L			1.1
Magnesium	7439-95-4	ug/L			8600
Manganese	7439-96-5	ug/L			180
Mercury	7439-97-6	ug/L			0.08 U
Molybdenum	7439-98-7	ug/L			0.99 J
Nickel	7440-02-0	ug/L			1.3
Potassium	7440-09-7	ug/L			1100
Selenium	7782-49-2	ug/L			3.9 U
Silver	7440-22-4	ug/L			0.1 U
Sodium	7440-23-5	ug/L			3800
Thallium	7440-28-0	ug/L			0.1 U
Vanadium	7440-62-2	ug/L			0.44 J
Zinc	7440-66-6	ug/L			69

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Analyte	Station ID				GKMSW41
	Sample ID				GKMSW41_083015
	Sample Date				8/30/2015
	Sample time				17:00
	Latitude				(b) (6)
	Longitude				
					Sub Location
					JT head gate
Metals, Total	CAS NO	Units			Lab Result
Aluminum	7429-90-5	ug/L			240
Antimony	7440-36-0	ug/L			0.4 U
Arsenic	7440-38-2	ug/L			0.37 U
Barium	7440-39-3	ug/L			63
Beryllium	7440-41-7	ug/L			0.15 U
Cadmium	7440-43-9	ug/L			0.5 UB
Calcium	7440-70-2	ug/L			58000
Chromium	7440-47-3	ug/L			1 U
Cobalt	7440-48-4	ug/L			1.2
Copper	7440-50-8	ug/L			6.6
Iron	7439-89-6	ug/L			270
Lead	7439-92-1	ug/L			0.97
Magnesium	7439-95-4	ug/L			7300
Manganese	7439-96-5	ug/L			260
Mercury	7439-97-6	ug/L			0.08 U
Molybdenum	7439-98-7	ug/L			0.91 J
Nickel	7440-02-0	ug/L			1.5
Potassium	7440-09-7	ug/L			1000
Selenium	7782-49-2	ug/L			3.8 U
Silver	7440-22-4	ug/L			0.1 U
Sodium	7440-23-5	ug/L			3600
Thallium	7440-28-0	ug/L			0.1 U
Vanadium	7440-62-2	ug/L			0.3 U
Zinc	7440-66-6	ug/L			100

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